## **SIP-116-A**

26/3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Nagai et al.

Group Art Unit:

2613

Serial Number:

09/866,151

Examiner:

Kelley, Christopher S

Title:

26 May 2001

Confirmation No.:

5617

Title: 2 1 2005

POSITION DETECTION APPARATUS, POSITION DETECTION

METHOD AND POSITION DETECTION PROGRAM

INFORMATION DISCLOSURE STATEMENT UNDER MPEP §609

Commissioner For Patents PO Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, §1.97, §1.98, and MPEP §609, applicant encloses form PTO/SB/08A for consideration by the Examiner. Further to OG Date: 05 August 2003, the U.S. patent references are not enclosed. The references are cited in the enclosed European Search Report dated 05 January 2005.

Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of the information disclosure statement. 37 CFR 1.97(e)(1) The Commissioner is hereby authorized to charge any deficiency which may be required during the entire pendency of the application, or to credit any excess paid during the entire pendency of the application, to Deposit Account 50-0744 in the name of Carrier, Blackman & Associates, P.C.

The listed references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the present invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

Favorable consideration is respectfully requested.

Customer Number 21828 Carrier, Blackman & Associates, P.C. 24101 Novi Road, Suite 100 Novi, Michigan 48375 18 January 2005 Respectfully submitted,

William D. Blackman Attorney for Applicant Registration No. 32,397

(248) 344-4422

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on 18 January 2005.

Dated: 18 January 2005

WDB/kb enclosures

Kathryn Bunyea

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	09,866,151		
Filing Date 26 May 2001			
First Named Inventor Nagai et al.			
Art Unit 2613			
Examiner Name	Kelley, Christopher S		
Attorney Docket Number   CTD   116 A			

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 M Income</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
3 PE		US- 5,051,906	09-24-1991	Evans, Jr. et al.	
		<b>us</b> - 5,777,690	07-07-1998		•
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FOREIGN PATENT DOCUMENTS						
	Cite No.	Foreign Patent Document Publication Date	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
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		WO 99/21026	04-29-199	Apogeum		
		WO 99/53335	10-21-199	Poropat George		
		GB 2 116 000 A	09–14–198:	B Elliot Brothers		
		EP 0 892 278 A	01-20-199	Forsvarets		
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Examiner	Date	
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Substitute for form 1449B/PTO Complete if Known Application Number 09,866,151 INFORMATION DISCLOSURE Filing Date 26 May 2001 STATEMENT BY APPLICANT First Named Inventor Nagai et al. Art Unit 2613 (Use as many sheets as necessary) Examiner Name Kelley, Christopher S Attorney Docket Number 2 SIP-116-A

OIP

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*  Cite No.1  Include name of the author (in CAPITAL LETTERS), title of the article (when appropria magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue nu and/or country where published.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	propriate), title of the item (book, sue number(s), publisher, city		
		CHENAVIER F ET AL., Position Estimation for a Mobile Robot Using Vision and Odometry 05-12-1992 pp 2588-2593			
		KOKICHI SUGIHARA, Some Location Problems for Robot Navigation Using a Single Camers 04-01-1988 pp 112-129			
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